

H5329-

D5837-

Hog drog 5329
S. 1049624
R. 108011

Dredge } No. 5837 Date, Feb 3, 1913
Hydrog. }

Sdg. Mch. Hand lead Reel

Shot, 14 lbs.

Turns Cor'n Depth 6 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 49 Time 11. 25 } Air { 49
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.18 Amt. of Clouds 6 State of Sea 5

Weather 6 C.F.

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Orange Peel Bucket

Time towing h. m.

Remarks:

Deck Officer Mr. King

Recorder C. Cork

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.	
			0	11	23	35	11
			100				24
			200				20
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
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			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. 5838

Hydrog.

Date,

Feb 3

, 1917

Sdg. Mech Hand

Reel

Shot } 14

lbs.

Turns

Cor'n

Depth

5 1/2

fms.

Sdg. Cup

Amt. Bot'm

Sample

Character of
Bottom

Thermom. { Make

No.

Cor'n { Instr.

Stem.

Bottom Reading

Cor'd Temp.

Temp. Surf. { 49

Time 11.40

Time

50

Air {

Density: Surf.

fms.

Wind: Direction Calm

Force 0

Baromet. 30.17

Amt. of
Clouds

5

State of
Sea

S

Weather

b c f

Direction and Force { Surface

of Current.

Bottom

Tide

General Locality

Position

Chart used: No.

Ed'n

Drift: Direction

Distance

Depth of Haul

Bottom

Apparatus and Rig used

Orange Red Bucket

Time towing

h.

m.

Remarks:

Deck Officer

Mr King

Recorder

Clark

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.		<i>a</i>	M. DOWN.	UP.	M.
			0	11	39	-	17 39 30
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
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			2500				
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			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. 5839 Date, Feb 3, 1912
Hydrog. }
Sdg. Mch. Hand lead Reel Shot 14 lbs.
Turns Cor'n Depth 5 1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 49 Time 11:55 } Air { 55
Time

Density: Surf. fms.

Wind: Direction Calm Force 0
Baromet. 30.15 Amt. of Clouds 5 State of Sea 5

Weather b-c f

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Orange Peel Bucket

Time towing h. m.

Remarks:

Deck Officer Morning Recorder Clerk
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	11	54	20
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			2800			
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			3000			
			3100			
			3200			
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			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5840 Date, Feb 3, 1913
Hydrog. }
Sdg. Mch. Handlinford Reel Shot } 14 lbs.
Turns Cor'n Depth 9 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 50 Time 12' 24° { Air { 54
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.15 Amt. of Clouds 6 State of Sea S

Weather *h*

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Orange peel bucket

Time towing h. m.

Remarks:

Deck Officer M. G. H. W. C. Recorder 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.		M.	M.	M.
		0	✓ 2	23.30	11
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
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		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Dredge } No. 5841 Date, Feb 11, 1913
Hydrog. }
Sdg. Mch. Hand line profund Reel Shot } Leads lbs.
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 50 Time 12:49 P.M. } Air { 51
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30° 15' Amt. of Clouds 11 State of Sea S

Weather f d /

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Dredge

Time towing h. m.

Remarks:

Deck Officer J. J. McVey Recorder W. C. L. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	12	48	20
			100		12	
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
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			2100			
			2200			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. Date, 17th of 1903

Dredge Mech. Hauled Line Reel Shot 14 lbs.

Turns Cor'n Depth 25 to 26 fms.

Dredge Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
Temp. Surf. { No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 10° } Air { 55°
Time

Density: Surf. fms.

Wind: Direction Force /

Baromet. 29.84 Amt. of Clouds 2 State of Sea /

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n.

Drift: Direction Distance

Depth of Haul. Distance

Apparatus and Rig used 4 Register dredge

Bottom

Time towing h. 6 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. DOWN. | UP. | M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

M. DOWN. | UP. | M.

9 | 67 | 40 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

10 | 63 | 61 | 10 | 10 | 15-

Dredge } No. 15 Date, 1913

Dredg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth 25-27 fms.

Dredg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 10 45' } Air { 56°
Time

Density: Surf. fms.

Wind: Direction N. W. Force 1-2

Baromet. 30.23 Amt. of Clouds 9 State of Sea 2

Weather Dry

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 20 fms.

Apparatus and Rig used 11' Gazier dredge, 3 glass
buckets

Time towing h. 4 1/2 m.

Remarks:

Deck Officer Recorder 501 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	10	30	10
			75-100-	10	43	43
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 2 Date, Oct 19, 1888
Hydrog. Sdg. Mech. Reel Shots Lead 12 lbs.

Turns Cor'n Depth 25 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. Make Cor'n Instr.
No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. 53° Time 11:15 Air 54°
Temp. Surf. Time

Density: Surf. fms.

Wind: Direction S. W. Force 1-2

Baromet. 30.22 Amt. of Clouds 9 State of Sea

Weather S. W.

Direction and Force of Current Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used

2

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0	11	10	5-0
			64-400-	11	12	10
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, 19
Hydrog. }
Sdg. Mch. 100 Reel Shot } lbs.
Turns Cor'n Depth Ad. fms.
Sdg. Cup Amt. Bot'm Sample fms.
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { Time Air }
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 4'

Time towing h. m.

Remarks: Chicago latitude of 41°

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0

125-1000

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5846 Date, Aug 19, 19...
Hydrog. } and have Reel
Sdg. Mch. Shot } 14 lbs.
Turns Cor'n Depth 45 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Cor'n { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____ Cor'n { Air _____
Time _____

Density: Surf. _____ fms.

Wind: Direction N. 70 Force 1-2

Baromet. Amt. of Clouds State of Sea 5

Weather Soggy

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haut 100 fms.

Apparatus and Rig used 4' Cylindrical dredge

3 glass floats

Time towing 3 h. 3 m.

Remarks: Took all out of dredge and
holes from dredge

Deck Officer C. Knobell Recorder C. Knobell
11-1023

SOUNDING WIRE			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	P M.
			0	12	10	-
			125 ¹⁰⁰	12	15	-
				200		
				300		
				400		
				500		
				600		
				700		
				800		
				900		
				1000		
				1100		
				1200		
				1300		
				1400		
				1500		
				1600		
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				1900		
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				2100		
				2200		
				2300		
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				2700		
				2800		
				2900		
				3000		
				3100		
				3200		
				3300		
				3400		
				3500		
				3600		
				3700		
				3800		
				3900		
				4000		
				4100		
				4200		
				4300		
				4400		
				4500		
				4600		
				4700		
				4800		
				4900		

Dredge } No. 1917 A Date, Jan 19, 1917
Hydrog. }
Sdg. Mch. 1000 ft. Reel Shot } 14 lbs.
Turns Cor'n Depth 8 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 11:11 a.m. } Air } 62°
Time 11:45 a.m. } 71°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 29.92 Amt. of Clouds 2 State of Sea 2

Weather fog

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. 8 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Electric Winch, Dredge

Time towing h. 19 m.

Remarks: Oysters, Fish, etc.

Deck Officer P. H. : Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
<i>A = Orange-bead</i>			0	11	05	
			400	11	25	10
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
<i>Sounding</i>			1000	11	19	11
<i>Depth</i>			1100	11	52	52
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
<i>B: Orange-bead</i>			2000	11	58	11
<i>Bottom</i>			2100	11	10	11
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 848 Date, July 22, 1913

Hydrog. Hand line Reel Shot 14 lbs.

Turns Cor'n Depth $\frac{9}{12}$ fms.
Sdg. Cup Amt. Bot'm $\frac{1}{2}$ Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 62 Time / 2:37 } 65
62 Time / 3 } Air 63

Density: Surf. fms.

Wind: Direction W N Force 3

Baromet. 30.01 Amt. of Clouds 5 State of Sea Q

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Line, dredge, weight, float, & weight

Remarks: Sailed from San Fran

Time towing h. 34 m.

Deck Officer W. C. Crider
Recorder J. W. Crider
11-1023

SOUNDING WIRE.

M. DOWN.	UP.	M.
0	0	0

FMS.

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

M. DOWN.	UP.	M.
0	0	0

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

M. DOWN.	UP.	M.
1200	1200	1200

Dredge } No. 5847 Date, Sept. 22, 1915
Hydrog. }
Sdg. Mech. } 11 lbs. Reel Shot Lead } lbs.
Turns Cor'n Depth 1/2 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 61 Time 2:17:15 } Cor'd Temp. 60
61 Time 2:33:18 } Air 60

Density: Surf. fms.

Wind: Direction West Force 2-3

Baromet. 30.06 Amt. of Clouds 2 State of Sea

Weather bcs

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used (11 ft. 10 in. 10 ft. 6 in.)

Cast 1000 ft. 15 min. 1000 ft.

Time towing h. 17 m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	2	0	0
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800	2	14	2
			900	2	11	2
			1000			
			1100			
			1200			
			1300			
			1400			
			1500	2	27	2
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 29 Date July 18, 1911
Hydrog. }
Sdg. Mch. } Reel Tons Shot } 100 lbs.

Turns Cor'n Depth 28 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading 24.5 Cor'd Temp.

Temp. Surf. { Time 20
Time 20 } Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Anchored Distance

Depth of Haul

Apparatus and Rig used. of line

Pr. m. trawl

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. DOWN.	UP.	M.
		0
		100
		200
		300

Temperatures -

7	AM	12.7	L 59.5	R 59.8	400
			58.3		500
8		Surf. 60.9	60.0		600
		Botm L 58.8	R 57.0		700
			58.55		800
9		Surf. 60.3	59.7		900
		Botm L 62.2	R 62.4		1000
			61.95		1100
10		Surf 59.0	58.1		1200
		Botm L 57.0	R 57.1		1300
			56.7		1400
11		Surf. 58.0	57.1		1500
		Botm L 56.2	R 56.5		1600
			56.0		1700
12		Surf 58.1	57.2		1800
		Botm L 55.5	R 55.8		1900
			55.3		2000
13		Surf 59.0	58.1		2100
		Botm L 55.5	R 55.6		2200
			55.2		2300
14		Surf 58.5	57.6		2400
		Botm L 55.9	R 56.0		2500
			55.6		2600
15		Surf 58.9	58.0		2700
		Botm L 55.4	R 55.8		2800
			55.25		2900
16		Surf 58.7	58.0		3000
		Botm L 55.7	R 56.0		3100
			55.5		3200
17		Surf. 57.8	56.4		3300
		Botm L 56.1	R 56.3		3400
			55.85		3500
18		Surf 58.0	57.1		3600
		Botm L 56.8	R 57.0		3700
			56.55		3800
19		Surf 57.6	56.7		3900
		Botm L 56.8	R 57.0		4000
			56.55		4100
20		Surf 58.0	57.1		4200
		Botm L 56.7	R 57.0		4300
			56.4		4400
		Surf. 58.0	57.1		4500
					4600
					4700
					4800
					4900

Predator } No. 15 Date, Aug. 22, 1911
Hydrog. }

Sdg. Mch. *Reel* *Shot* { *Lead* } *lbs.*

Character of Bottom

Thermom. { ^{Make} *Therm.* Cor'n { ^{Instr.} _{Stem,}

Bottom Reading 45 Cor'd Temp. 45

Temp. Surf. { Time { Air }

Wind: Direction _____ Rotor _____

Baromet. *Amt. of* *State of*
 Clouds *Sea*

Weather

Tide Flood - 1576.

General Locality

Position: Find the N in $\frac{1}{N}$ that is closest to $\frac{1}{\sqrt{2}}$.

Chart used: No. 29 Ed'n 1900

Depth of Haul

Time towing h. m.

Remarks: *Hoach* *will* *be* *in* *the* *air* *in* *the* *fall* *of* *the* *year* *1914*

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		M. Down.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
10	Bottom	L 63.3				
	63.05	R 63.5				
	Surf	65.0				
		64.1				
11	Bottom	L 62.7				
	62.5	R 63.0				
	Surf	63.8				
		62.9				
12	Bottom	L 62.3				
	62.05	R 62.5				
	Surf	63.7				
		62.8				
13	Bottom	L 62.0				
	61.8	R 62.3				
	Surf	64.1				
		63.2				
2	Bottom	L 61.0				
	60.7	R 61.1				
	Surf	63.2				
		62.3				
3	Bottom	L 60.3				
	60.15	R 60.7				
	Surf	62.2				
		61.3				
4	Bottom	L 60.1				
	59.85	R 60.3				
	Surf	62.0				
		61.1				
5	Bottom	L 60.1				
	59.85	R 60.3				
	Surf	63.0				
		62.1				
6	Bottom	L 60.2				
	60.0	R 60.5				
	Surf	63.0				
		62.1				
7	Bottom	L 61.0				
	60.75	R 61.2				
	Surf	63.1				
		62.2				
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 1 Date, Jan 21, 1911
Hydrog. }
Sdg. Mech. } Reel Shot
lbs.

Turns Cor'n. Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make ABP Cor'n { Instr. -----
No. 2. P Stem. .

Bottom Reading 69 Cor'd Temp. 65.2

Temp. Surf. { Time 3:01 P } Air
Time -----

Baromet. 29.99 Amt. of Clouds 6 State of Sea

Weather fog

Direction and Force of Current { Surface
Bottom

Tide

General Locality

St. Lucia, 20 miles S. of Pointe-a-Pierre

Position

Chart used: No. CS 5533 Ed'n -----

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

R. Hovea didn't work

Deck Officer

CL. A.

Recorder

1/11/11

11-1023

SOUNDING WIRE.

M. Down. | UP. | M.

FMS.

DREDGING CABLE.

M. Down. | UP. | M.

2:45

07.51

100 3.01

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5332 Date, July 21, 1913
Hydrog. }
Sdg. Mch. 1000 Reel Shot }
lbs.

Turns Cor'n Depth 17 fms.

Sdg. Cup Int. Bot'm Sample

Character of Bottom

Thermom. Make N. 3 Cor'n Instr.
No. Stem.

Bottom Reading L. 62.6 R. 66.5 Cor'd. Temp. 66.3 $^{\circ}$ F.

Temp. Surf. Time Time Air

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds 6 State of Sea R

Weather

Direction and Force of Current Surface
Bottom

Tide

General Locality

Position 74° 30' S. 170° 15' E. 2100 fms.

Chart used: No. 65. 1733 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Remarks: Towed 7.6 hrs.

Deck Officer Recorder 11-1023

SOUNDING WIRE.

P M. Down. | UP. M.

S:31 Hove Head

FMS.

DREDGING CABLE.

M. Down. | UP. M.

3: 12 } 2: 42 } tank

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5333 Date, July 21, 1913
Hydrog. }
Sdg. Mech. hand lead Reel Shot }
lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup 1 Amt. Bot'm Sample

Character of Bottom soft

Thermom. { Make N3 Cor'n { Instr.
No. L R Cor'n { Stem.

Bottom Reading 61.5 R. 64.2 Cor'd. Temp. 67.

Temp. Surf. { Time } Air {
Time }

Density: Surf. fms.

Wind: Direction South Force 4

Baromet. 29.9 Amt. of Clouds 6 State of Sea R

Weather Wet

Direction and Force { Surface
of Current. { Bottom

Tide Low

General Locality Long Island

Position Lat. 42° 15' N. Long. 70° 45' W.

Chart used: No. CC 473 Ed'n

Drift: Direction Distance

Depth of Haul

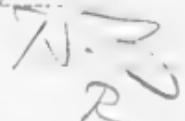
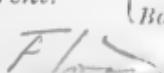
Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer H. L. H. C. B. Recorder Am. oil
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		M. Down.	UP.	M.
✓.07	long 4d		0	✓.7	✓.7	
			100	✓.7	✓.7	
			200	✓.7	✓.7	
			300	✓.7	✓.7	
			400	✓.7	✓.7	
			500	✓.7	✓.7	
			600	✓.7	✓.7	
			700	✓.7	✓.7	
			800	✓.7	✓.7	
			900	✓.7	✓.7	
			1000	✓.7	✓.7	
			1100	✓.7	✓.7	
			1200	✓.7	✓.7	
			1300	✓.7	✓.7	
			1400	✓.7	✓.7	
			1500	✓.7	✓.7	
			1600	✓.7	✓.7	
			1700	✓.7	✓.7	
			1800	✓.7	✓.7	
			1900	✓.7	✓.7	
			2000	✓.7	✓.7	
			2100	✓.7	✓.7	
			2200	✓.7	✓.7	
			2300	✓.7	✓.7	
			2400	✓.7	✓.7	
			2500	✓.7	✓.7	
			2600	✓.7	✓.7	
			2700	✓.7	✓.7	
			2800	✓.7	✓.7	
			2900	✓.7	✓.7	
			3000	✓.7	✓.7	
			3100	✓.7	✓.7	
			3200	✓.7	✓.7	
			3300	✓.7	✓.7	
			3400	✓.7	✓.7	
			3500	✓.7	✓.7	
			3600	✓.7	✓.7	
			3700	✓.7	✓.7	
			3800	✓.7	✓.7	
			3900	✓.7	✓.7	
			4000	✓.7	✓.7	
			4100	✓.7	✓.7	
			4200	✓.7	✓.7	
			4300	✓.7	✓.7	
			4400	✓.7	✓.7	
			4500	✓.7	✓.7	
			4600	✓.7	✓.7	
			4700	✓.7	✓.7	
			4800	✓.7	✓.7	
			4900	✓.7	✓.7	

Breadth } No. 5524 Date, Oct 31, 1912
Hydrog. }
Sdg. Mech. Handled Reel Shot } Lead lbs.
Turns Cor'n Depth 3 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom 
Thermom. { Make N.R. Cor'n { Instr.
No. 5. R. Stem.
Bottom Reading 56.6 N. Cor'd Temp. 63.5
Temp. Surf. { Time _____ } Air {
Time _____ }
Density: Surf. fms.
Wind: Direction South Force 4-5
Baromet. 30.00 Amt. of Clouds 7 State of Sea
Weather
Direction and Force { Surface
of Current. Bottom
Tide 
General Locality San Pablo

Position Lat. 34° 30' S. Long. 122° 20' W.

Chart used: No. CS 1323 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.		M.	M.
450	1.50	0	450	
		100	500	
		200	600	
		300	700	
		400	800	
		500	900	
		600	1000	
		700	1100	
		800	1200	
		900	1300	
		1000	1400	
		1100	1500	
		1200	1600	
		1300	1700	
		1400	1800	
		1500	1900	
		1600	2000	
		1700	2100	
		1800	2200	
		1900	2300	
		2000	2400	
		2100	2500	
		2200	2600	
		2300	2700	
		2400	2800	
		2500	2900	
		2600	3000	
		2700	3100	
		2800	3200	
		2900	3300	
		3000	3400	
		3100	3500	
		3200	3600	
		3300	3700	
		3400	3800	
		3500	3900	
		3600	4000	
		3700	4100	
		3800	4200	
		3900	4300	
		4000	4400	
		4100	4500	
		4200	4600	
		4300	4700	
		4400	4800	
		4500	4900	

Hydrog. } No. 5335 Date, Feb 19
Sdg. Mch. } Lead
Turns Cor'n Depth 13 fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom M. Thermom. Make 113 Cor'n Instr.
No. 21 R. Stem.

Bottom Reading 3, 65. R. 66.9 Cor'd Temp. 64.6

Temp. Surf. Time Time Air

Density: Surf. fms.

Wind: Direction S - SE Force

Baromet. 29.8 Amt. of Clouds ? State of Sea R

Weather

Direction and Force of Current Surface
Bottom

Tide F.

General Locality

Position

Chart used: No. CS 532 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE			FMS.	DREDGING CABLE		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5336 Date, July 2, 1913
Sdg. Mech. H. H. Mullins Reel ~~Lead~~ 10 lbs.
Turns Cor'n Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S.

Thermom. { Make NZ Cor'n { Instr.
No. Stem.

Bottom Reading L 59.5 R 59.5 Cor'd Temp. 59.3

Temp. Surf. { 60.0 Time } Air
57.1 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide Eb

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used E. B. T. W. 1000
Pr. m. T. m. C. 20

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. DOWN. | UP. | M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

0

730

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. } No. 5337 Date, July 22, 1913
Hydrog. } Sdg. Mch. Trawl Reel Plow, Shanty } 1st lbs.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom S

Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.

Bottom Reading L 62.3 R 62.5 Cor'd Temp. 62.05

Temp. Surf. { 63.8 Time } Air {
63.7 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface 1/3 Kt per hr.
of Current. Bottom

Tide Ebb.

General Locality N. Atlantic

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ekbot Trawl Plow

1' water #12 1190

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.		A.	M. DOWN.	UP.	M.
			0	8	20		
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Da~~te~~ } No. 5338 Date, July 27, 1913
Hydrog. }
Sdg. Mch. Turn Reel Star Shot Lead } 101 lbs.
Turns Cor'n Depth 16 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S

Thermom. { Make 7/2 Cor'n { Instr.
No. Stem

Bottom Reading L 59.0 R 59.1 Cor'd Temp. 58.7

Temp. Surf. { 61.9 Time } Air
61.5 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide Ebb.

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Ekbot Turn 300 ft. m

Water 110 ft. 20

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	9	05	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5339 Date, July 22, 1913

Sdg. Mch. Tow. Reel Tow. Shot Leads 12 lbs.

Turns Cor'n Depth 9 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make M Z. Cor'n { Instr. No. Stem.

Bottom Reading 59.8 F. 60.0 Cor'd Temp. 59.55

Temp. Surf. { 62.7 Time Time } Air { 61.7

Density: Surf. fms.

Wind: Direction. Force

Baromet. Amt. of Clouds State of Sea

Weather.

Direction and Force { Surface
of Current. Bottom

Tide. Eb! to Flood.

General Locality Middle

Position.

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Eb. 60' Tow one Pr. m.

Water 11.10 67.0

Time towing ---- h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

A M. Down. | Up. | M.

0 | 10 | 00 00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

at. 11 00

Bot. Temp.,

L 59.4

R 59.6

Corr. 59.15

Surf. 63.0

Corr. 62.1

Decade } No. 5340 Date, July 22, 1913
Hydrog. }
Sdg. Mch. T. W. Reel Thru shot } 14 lbs.
Turns Cor'n Depth 23 $\frac{3}{4}$ fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom S
Thermom. { Make NZ Cor'n { Instr.
No. Stem.
Bottom Reading 59.0 Cor'd Temp. 58.7
Temp. Surf. { 61.2 Time } Air {
60.3 Time
Density: Surf. fms.
Wind: Direction Force
Baromet. Amt. of Clouds State of Sea
Weather
Direction and Force { Surface
of Current. Bottom
Tide Ebb

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used E. G. L. 1000 ft. B. m.
W'nter at 20 ft 12

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.

M. Down. | UP. --- M.

FMS.

DREDGING CABLE.

A M. Down. | UP. --- M.

0 | 11 | 45 -

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Brassey No. 5311 Date, 12/12/13, 1913

Sdg. Mech. Thr Reel Shot Lead 14 lbs.

Turns Cor'n Depth 8 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom S

Thermom. { Make N.Y. Cor'n { Instr. No. Stem.

Bottom Reading L 59.5 R 59.8 Cor'd. Temp. 59.3

Temp. Surf. { 61.2 Time } Air { 60.5 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide Flood

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used E 18.66 m. 12.50 m.

1' inter # 18 FF 20

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		M. Down.	UP.	M.
			0	12	25	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			3200			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5312 Date, July 22, 1913
Sdg. Mch. True Reel 7.1 lbs. Shot } 17 lbs.
Turns Cor'n Depth 11 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom S

Thermom. { Make NZ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading 60.0 Cor'd Temp. 59.9
Temp. Surf. { 60.0 Time _____ } Air _____
59.1 Time _____

Density: Surf. fms.
Wind: Direction Force
Baromet. Amt. of Clouds State of Sea
Weather

Direction and Force { Surface _____
of Current. Bottom _____

Tide Flood

General Locality Middle

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Trawl Net 10' x 10' 10' x 10'
Lure

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
... M.	Down.	Up.	... M.	... M.	Down.	Up.	... M.
			0			25	
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
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			4000				
			4100				
			4200				
			4300				
			4400				
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			4700				
			4800				
			4900				

Hydrog. No. 5343 Date, June 19, 1913
Sdg. Mech. Trawl Reel 70' Shot 14 lbs.
Turns Cor'n Depth 10 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M

Thermom. { Make N.Y. Cor'n { Instr.
No. Stem.

Bottom Reading L 62.9 R 63.0 Cor'd. Temp. 62.6

Temp. Surf. { 64.9 Time } Air {
69.1 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. { Surface
Bottom

Tide Ebb

General Locality Yolos

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Trawl 70' shot 14 lbs.
at 1' min. 74' max 100'

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.		A.	M. DOWN.	UP.	M.
			0		8	50	
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
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			2800				
			2900				
			3000				
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			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Hydrog. } No. 5344 Date, July 23, 1913
Hydrog. } Sdg. Mech. True Reel Tmr Shot } 14 lbs.
Sdg. Mech. Turn

Turns Cor'n Depth 4½ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom 711.

Thermom. { Make 712. Cor'n { Instr. No. Stem.

Bottom Reading 66.3 15/18 Cor'd Temp. 62.05

Temp. Surf. { 70.0 Time } 70.0 Time } air
69.2

Density: Surf. fms.

Wind: Direction. Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. { Surface
Bottom

Tide Ebb

General Locality Lower

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Electric Trawl
Cutter

Remarks: Towed 2 min. Time towing h. m.

SOUNDING WIRE.

M. Down. | UP. | M.

FMS.

DREDGING CABLE.

M. Down. | UP. | M.

0 | 10 | 0000

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. No. 5345 Date, July 25, 1913
Sdg. Mch. Tmr Reel Tmr Shot Lead 10' lbs.
Turns Cor'n Depth 5 $\frac{3}{4}$ fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make 712 Cor'n { Instr.
No. 699 Stem.

Bottom Reading L. 69.0 R 69.2 Cor'd Temp. 63.95

Temp. Surf. { 69.9 Time Air {
69.1 Time

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide Ebb

General Locality S. C. W. T.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used E. B. 67 m. C. 12 m.
4' water plus 12' of lead

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	10	40	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3000			
			3100			
			3200			
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			3400			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5346 Date, July 8, 1913.
Hydrog. }
Sdg. Mch. Tides Reel 14 shot } 14 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom 211

Thermom. { Make 212 Cor'n { Instr.
{ No. Stem.

Bottom Reading L 64.0 R 64.1 Cor'd Temp. 63.9

Temp. Surf. { 68.0 Time } Air {
{ 68.0 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface
{ Bottom

Tide Ebb

General Locality Florida

Position

Chart used: No. Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Tides 16 m.

Water 112 ft 20.

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0		105	
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
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			2500			
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			2700			
			2800			
			2900			
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			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. } No. 5347 Date, July 17, 1913

Sdg. Mch. Tiv Reel Tiv Shot } Lead lbs.

Turns Cor'n. Depth 12 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom M.

Thermom. { Make 712. Instr. Cor'n { Stem.

Bottom Reading L. 60° F. 60° Cor'd Temp. 60.85°

Temp. Surf. { 63.1 Time } Air { 67.2 Time }

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface of Current. { Bottom

Tide Ebb

General Locality Lower

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used Trawl Trawl 10 m.
Nets 10 m. 10 m.

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. DOWN.	UP.	M.
----------	-----	----

FMS.

DREDGING CABLE.

P	M. DOWN.	UP.	M.
---	----------	-----	----

0

2 | 14

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5348 Date, June 15, 1910
 Hydrog. }
 Sdg. Mch. Standard line Reel Shot
 Lead lbs.
 Turns Cor'n Depth 4 feet fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. Make X Cor'n Instr.
 No. 1000 Cor'n Stem.
 Bottom Reading 69.1 Cor'd Temp. 65.5
 Temp. Surf. Time Time Air
 Wind: Direction Force
 Baromet. Amt. of Clouds State of Sea
 Weather Bdg.

Direction and Force of Current Surface
 of Current Bottom

Tide Slight

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Below sea bed

Deck Officer

Recorder

60

11-1023

~~SOUNDING WIRE~~ FMS.
M. Down. | Up. | M.

10 54 40 11 04 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

DREDGING CABLE.

M. Down. | Up. | M.

Dredge } No. 6349 Date, July 25, 1917
Hydrog. }
Sdg. Mch. } ~~Thermal~~ Reel Sheet }
Character of Bottom Sand M. Lead } lbs.
Turns Cor'n Depth 2 fms.
Sdg. Cup Amt. Bot'm Sample
Thermom. { Make N.Y. Cor'n { Instr.
No. 212, 60 C Stem.
Bottom Reading 69.57; 69.4 Cor'd Temp. 69.5
Temp. Surf. { Time Air }
Time
Density: Surf. fms.
Wind: Direction Force /
Baromet. Amt. of Clouds State of Sea
Weather Windy
Direction and Force of Current { Surface
Bottom
Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: W. N. W. 20° 30' E.

SOUNDING WIRE			FMS.	DREDGING CABLE		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
11	27	20	11	37	30	0
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Brundage No. 45350 Date, June 23, 1913

Sdg. Meth. Standard Reel Shot Lead lbs.

Turns. Cor'n. Depth. 3 1/2 fms.

Sdg. Cup *Amt. Bot'm Sample*

Character of
Bottom - Br. Sh.

Thermom. { Make N. Jr. Cor'n { Instr.
No. As before Stem.

Bottom Reading 51.69, S. 41.69, E. Cor'd Temp. 60.5

Temp. Surf. { Time } . Air { Time }

Density: Surf. — — — — — fms.

Wind: Direction _____ Force _____ / - 2

Baromet. Amt. of Clouds 7 State of Sea 8

Weather ~~Partly Cloudy~~

Tide Low 10:00

General Locality

Position _____

Chart used: No. Ed'n

Drift: Direction *Distance*

Depth of Haul

Apparatus and Rig used

Remarks:

Deek Officer ~~and~~ of Officer Recorder ~~and~~ ~~and~~

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
12	0000	121000	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
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			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19_____
 Hydrog. }
 Sdg. Mch. _____ Reel _____ Shot } lbs.
 Turns _____ Cor'n _____ Depth _____ fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom _____
 Thermom. { Make _____ Cor'n { Instr. _____
 No. _____ Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { Time _____ } Air _____
 Time _____
 Density: Surf. _____ fms.
 Wind: Direction _____ Force _____
 Baromet. _____ Amt. of Clouds _____ State of Sea _____
 Weather _____
 Direction and Force { Surface _____
 of Current. Bottom _____
 Tide _____
 General Locality _____
 Position _____
 Chart used: No. _____ Ed'n _____
 Drift: Direction _____ Distance _____
 Depth of Haul _____
 Apparatus and Rig used _____
 Time towing _____ h. _____ m.
 Remarks:
 Deck Officer _____ Recorder. _____
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
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			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. _____ Date, _____, 19_____

Sdg. Mch. _____ Reel _____ Shot} lbs.
 Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm _____ Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____ Air { _____
 Time _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. _____ Amt. of Clouds _____ State of Sea _____

Weather _____

Direction and Force { Surface _____
 of Current. Bottom _____

Tide _____

General Locality _____

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, , 19
 Hydrog. }
 Sdg. Mch. Reel Shot } Lead lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 No. Stem
 Bottom Reading Cor'd Temp.
 Temp. Surf. { Time Air
 Time
 Density: Surf. fms.
 Wind: Direction Force
 Baromet. Amt. of Clouds State of Sea
 Weather
 Direction and Force { Surface
 of Current. Bottom
 Tide
 General Locality
 Position
 Chart used: No. Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks:
 Deck Officer Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredg^e } No. _____ *Date*, _____ , 19
Hydrog. } _____

Sdg. Mch. _____ *Reel* _____ *Shot* } _____ *lbs.*

Turns _____ *Cor'n* _____ *Depth* _____ *fms.*

Sdg. Cup _____ *Amt. Bot'm* _____ *Sample* _____

Character of Bottom _____

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ _____ *Cor'n* $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$ _____

Bottom Reading _____ *Cor'd Temp.* _____

Temp. Surf. $\left\{ \begin{array}{l} \text{Time} \\ \text{Time} \end{array} \right.$ _____ $\left\{ \begin{array}{l} \text{Air} \\ \text{ } \end{array} \right.$ _____

Density: Surf. _____ *fms.* _____

Wind: Direction _____ *Force* _____

Baromet. _____ *Amt. of Clouds* _____ *State of Sea* _____

Weather _____

Direction and Force of Current. $\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right.$ _____

Title _____

General Locality _____

Position _____

Chart used: No. _____ *Ed'n* _____

Drift: Direction _____ *Distance* _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ *h.* _____ *m.* _____

Remarks: _____

Deck Officer _____ *Recorder* _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. Date, , 19
 Hydrg. }
 Sdg. Mch. Reel Shot } lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 { No. Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { Time } Air {
 { Time
 Density: Surf. fms.
 Wind: Direction Force
 Baromet. Amt. of Clouds State of Sea
 Weather
 Direction and Force of Current. { Surface
 { Bottom
 Tide
 General Locality
 Position
 Chart used: No. Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks:
 Deck Officer Recorder
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19
Hydrog. }

Sdg. Mech. _____ Reel Shot
lbs.

Turns Cor'n Depth fms.

Sdg. Cup _____ Amt. Bot'm Sample

Character of Bottom _____

Thermom. { Make Cor'n { Instr.
No. _____ Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { Time { .
Time .

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. _____ Nth'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge $\left\{ \begin{array}{l} \text{No.} \\ \text{Hydrog.} \end{array} \right\}$ *Date*, 19
Sdg. Mch. *Reel* *Shot* $\left\{ \begin{array}{l} \text{Lead} \\ \text{lbs.} \end{array} \right\}$
Turns *Cor'n* *Depth* fms.
Sdg. Cup *Amt. Bot'm* *Sample*
Character of Bottom
Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right\}$ *Cor'n* $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right\}$
Bottom Reading *Cor'd Temp.*
Temp. Surf. $\left\{ \begin{array}{l} \text{Time} \\ \text{Time} \end{array} \right\}$ $\left\{ \begin{array}{l} \text{Air} \end{array} \right\}$
Density: Surf. fms.
Wind: Direction *Force*
Baromet. *Amt. of Clouds* *State of Sea*
Weather
Direction and Force of Current $\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right\}$
Tide
General Locality
Position
Chart used: No. *Ed'n*
Drift: Direction *Distance*
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:
Deck Officer *Recorder*
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	Down.	Up.		M.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge $\left\{ \begin{array}{l} \text{No.} \\ \text{Hydrog.} \end{array} \right.$ Date, , 19
 Sdg. Mch. Reel Shot $\left\{ \begin{array}{l} \text{Lead} \\ \text{Lbs.} \end{array} \right.$
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$
 Bottom Reading Cor'd Temp.
 Temp. Surf. $\left\{ \begin{array}{l} \text{Time} \\ \text{Time} \end{array} \right\}$ $\left\{ \begin{array}{l} \text{Surf.} \\ \text{Stir} \end{array} \right\}$
 Density: Surf. fms.
 Wind: Direction Force
 Baromet. Amt. of Clouds State of Sea
 Weather

Direction and Force of Current $\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right.$

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Recorder

SOUNDING WIRE.

M. DOWN. | UP. | M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, 19
 Hydrog. }
 Sdg. Mch. Reel Shot } lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 { No. Cor'n { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { Time } Air
 { Time }
 Density: Surf. fms.
 Wind: Direction Force
 Baromet. Amt. of State of
 Sea
 Weather
 Direction and Force { Surface
 of Current. { Bottom
 Tide
 General Locality
 Position
 Chart used: No. Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks:

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. Down.	Up.	M.	M.	Up.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. _____ *Date*, _____, 19_____
Hydrog. }

Sdg. Mch. _____ *Reel* _____ *Shot Lead* _____ *lbs.*

Sdg. Cup _____ *Amt. Bot'm Sample* _____

Character of Bottom

Bottom Reading *Cor'd Temp.*

Temp. Surf. { *Time* _____ } *Time* _____ } *Air* {

Density: Surf. *fm.s.*

Wind: Direction..... Force.....

Baromet. Clouds Sea

*Direction and Force
of Current.* { *Surface*

General Locality

Position

Chart used: No. _____ Ed'n. _____

Drift: Direction _____ Distance _____

Depth of Haul

Remarks:

Deck Officer

Reorderer

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		M. Down.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19 _____
 Hydrog. }
 Sdg. Mech. _____ Reel _____ Shot } Lead _____ lbs.
 Turns _____ Cor'n _____ Depth _____ fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom _____
 Thermom. } Make _____ Instr. _____
 No. _____ Cor'n } Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. } Time _____ } Air _____
 Time _____ }
 Density: Surf. _____ fms.
 Wind: Direction _____ Force _____
 Baromet. _____ Amt. of Clouds _____ State of Sea _____
 Weather _____
 Direction and Force } Surface _____
 of Current. Bottom _____
 Tide _____
 General Locality _____
 Position _____
 Chart used: No. _____ Rd'n _____
 Drift: Direction _____ Distance _____
 Depth of Haul _____
 Apparatus and Rig used _____
 Time towing _____ h. _____ m.
 Remarks:
 Deck Officer _____ Recorder _____
 11-1023

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, , 19
Hydrog. }

Sdg. Mch. Reel Shot } Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current. { Surface Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
....	M. DOWN.	UP.		M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No.	Date,	, 19
Hydrog.		
Sdg. Mch.	Reel	Shot Lead
Turns	Cor'n	Depth
Sdg. Cup	Amt. Bot'm Sample	
Character of Bottom		
Thermom.	Make No.	Cor'n
		Instr. Stem.
Bottom Reading		Cor'd Temp.
Temp. Surf.	Time	Time
		dir
Density: Surf.		fms.
Wind: Direction		Force
Baromet.	Amt. of Clouds	State of Sea
Weather		
Direction and Force of Current.	Surface Bottom	
Tide		
General Locality		
Position		
Chart used: No.	Ed'n.	
Drift: Direction		Distance
Depth of Haul		
Apparatus and Rig used		
Remarks:		
Deck Officer	Recorder	

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			